

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

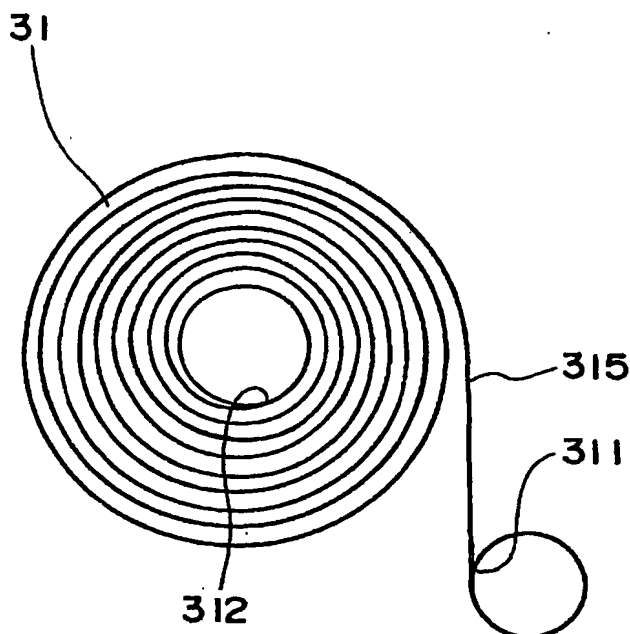
PCT

(10) International Publication Number
WO 2005/045532 A3

- (51) International Patent Classification⁷: **G04B 1/14**, 17/06, F16F 1/10, C22C 14/00
- (21) International Application Number: PCT/JP2004/016499
- (22) International Filing Date: 1 November 2004 (01.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 2003-378449 7 November 2003 (07.11.2003) JP
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: TIMEPIECE AND MAINSPRING



(57) Abstract: [Object] To provide a timepiece spring whereby it is possible to ensure high precision and stable operation of precision mechanisms such as timepieces, and to provide a timepiece spring, a mainspring, a hairspring, and a timepiece wherein long-term operation can be ensured when the spring is used as a power source.[Means] A mainspring used as a source to power a drive source is formed from a special titanium alloy and has an S shape when freely spread out, wherein the inflection point at which the curving direction of the freely spread-out shape changes is formed farther inward than the midpoint of an inner end at the end of the winding side and an outer end at the end opposite the inner end. The titanium alloy constituting the present invention has high tensile stress and a low average Young's modulus, making it possible to increase the mechanical energy accumulated in the mainspring 31.



(88) Date of publication of the international search report:
24 November 2005

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